IN THE SPECIFICATION:

Please replace the paragraph beginning at page 5, line 25, with the following rewritten paragraph:

-- FIG. 3 shows a channel coding model for the HSDPA turbo coder in accordance with the present invention. The first four operations (transport block concatenation 200, CRC attachment 202, code block segmentation 204, and channel coding 208) proceed according to the 3GPP protocols previously described. Preferably, channel coding 208 proceeds according to a channel coder operable to code an input data stream into systematic bits and parity bits at a rate-1/3 turbo encoding function. In addition, the last three stages (physical channel segmentation 312, (symbol) interleaver 314, and physical channel ~~mapping 316~~ mapping 315) also proceed similarly to the 3GPP protocols with the exception of operation on symbols instead of bits. The present invention occurs in the redundancy version selector 309, rate matching/incremental redundancy block 310, and the optional bit priority mapper/interleaver 311, as detailed in FIG. 4. --